

# Soil Solution

## Soil Solution

### DeltAg Formulations

www.deltagformulations.com

#### Soil Solution's Impact on Soil

This product enhances the metabolic processes, hence, growth and reproduction of the bacteria and algae that are already present in your soils. Low numbers of microbes, with little activity, results in tight, compacted, poorly aerated soils, as well as poor residue digestion. The result is lower water retention, less oxygen, poor residue composting, less nutrient availability, and reduced yields. This proprietary DeltAg product is a low analysis micro-nutrient blend, which contains specific "active" chemistry, which is designed to "feed" the microbes that already exist in your soils. This "active" material is a proprietary blend of specific amino acids, several vitamins, and three specific enzymes that, under normal circumstances, must be produced by the existing bacteria and algae in your soils, to allow for normal biological activities to occur. So, in fact, we are "feeding" your microbes to enhance their performance.

DeltAg Soil Solution impacts the soil in three ways.

1. Chemically with needed sulfate based micro-nutrients for microbial growth.
2. Biologically with amino acids, vitamins and enzymes.
3. Physically with a proprietary organic wetting agent from natural plant extracts.

Soil Solution improves soil flocculation as it enhances microbial activity.

The microbial activity creates the long term benefits of a healthier soil. Soil Solution has a direct impact on crop residue, which in turn, helps overall soil health, while also having a direct impact on soil flocculation and microbial activity.

Soil Solution enhances the biological processes occurring in the soil, which is a function of time.



Improving Plant Performance

P.O. Box 4812 GREENVILLE, MS 38704  
662 332 3555 INFO@DELTAAGFORMULATIONS.COM

# Soil Solution

## Crop Residue Treatment

### For Healthy Soil!

#### Improve Nutrient Availability

REDUCE  
STUBBLE

RELEASE  
NUTRIENTS



**PRODUCT WEIGHTS**  
 5000 lbs (2270 kg) 1480  
 2500 lbs (1135 kg) 740  
 1000 lbs (454 kg) 296  
 500 lbs (227 kg) 148

**GENERAL INFORMATION**  
 DeltAg Soil Solution is a proprietary blend of organically synthesized nutrients and is used to help improve soil health, promote growth and yield of the farm and soil management practices that are used on the farm. It is a natural, safe, and effective product.

**APPLICATION RATE**  
 DeltAg Soil Solution is applied to the soil surface at a rate of 100 lbs (45 kg) per acre (1/4 acre) or 2500 lbs (1135 kg) per acre (1/4 acre) or 5000 lbs (2270 kg) per acre (1/4 acre).

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UPC Bar Code

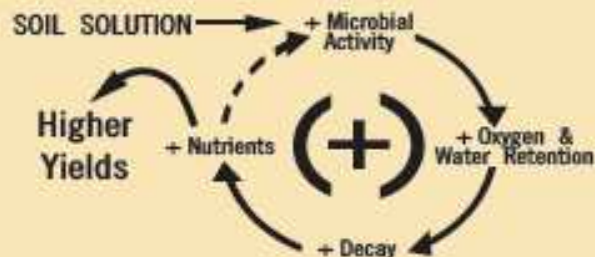
# Soil Solution Digests

## Post Harvest Residue

Soil Solution is a soil applied biostimulant designed to enhance the ability of soil microbes to break down crop residue and make more nutrients available for the next crop. Basic agronomy has taught us in agriculture, that true wealth comes from the soil. With today's agricultural practices being so intense, our soils seldom have the opportunity to rest and "catchup". Microorganism activity is the key to healthy soil and optimum yields. **Soil Solution** can help power this activity in your soils.

### How it works.

**SOIL SOLUTION: Mode of Action**  
Jump Starts Stubble Digestion.



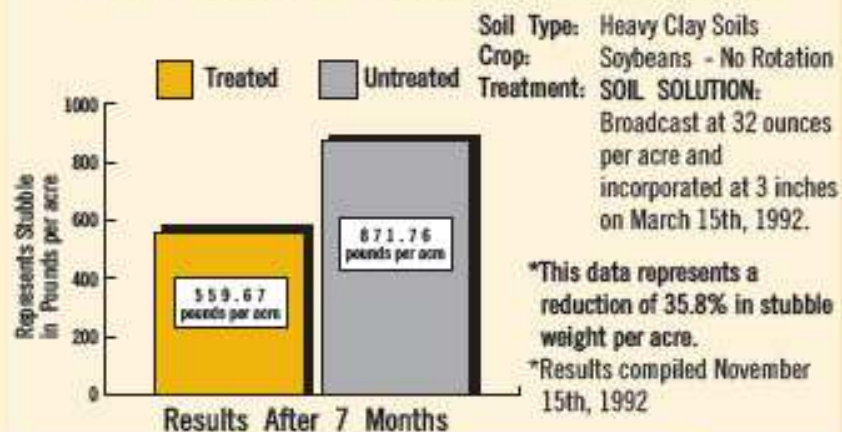
## More About Soil Solution

**SOIL SOLUTION** is a soil applied blend of enzymes, amino acids and organic complexing agents which serve as catalysts in the breakdown of post harvest residue of crops such as legumes, grains, vegetables and fiber crops. **SOIL SOLUTION** is applied to the soil as an energy source for organisms in the soil which break down plant residue and release tied up nutrients. This increased activity will give the soil more efficient fertilizer conversion, better moisture retention and improved soil till. This enriches the soil and provides a supply of minor elements and nutrients for the next crop.

SOIL SOLUTION is a soil energizer.

## Low Rate Crop Response

### "SOIL SOLUTION" Stubble Digestion Study



## Proven Results

Look at the data above and study the results closely. These results were compiled by Dr. Yaan Cheng of McRight Agri-Management Inc.. The data above demonstrates the effectiveness of **SOIL SOLUTION** as a catalyst for enhancing the performance of the soil cycle for reprocessing residue in past crops. According to studies **SOIL SOLUTION** can break down over 200 lbs. more stubble per acre, in seven months, than using just Mother Nature alone. **SOIL SOLUTION** works!



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\*All data shown are results compiled for **SOIL SOLUTION** research and are not guaranteed. Results may vary according to weather conditions.